

# PATENT ABSTRACTS OF JAPAN

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## (54) ADHESIVE TAPE FOR PHOTOLITHOGRAPHY

### (57)Abstract:

PURPOSE: To provide an adhesive tape for photolithography having an adhesive agent layer, on whose surface grooves capable of forming air ducts are disposed, on a transparent substrate, facilitating the removal of air bubbles when an article to be exposed to light is mad to adhere to a mount, giving a beautiful picture after closely contacted and inverted, and preventing the adhesion of the product from being forgot.

CONSTITUTION: The adhesive tape is characterized by comprising a transparent substrate (preferably a film such as polyester or polyethylene) 1 capable of transmitting light having an activity against photosensitive substances and an adhesive agent layer 2 and disposing grooves capable of forming air ducts on the surface of the adhesive agent layer 2. The groove-formed adhesive agent layer is obtained, e.g. by applying an embossed roll having desired groove forms to the surface of the adhesive agent layer 2 formed on the substrate layer 1. The thickness of the substrate is preferably 10-50 $\mu$ m, and the depth of the groove is also preferably at least 5 $\mu$ m.

